

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035483.D
 Acq On : 20 Aug 2020 20:24
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 21 07:21:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1057928	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4840777	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4763281	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3380018	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

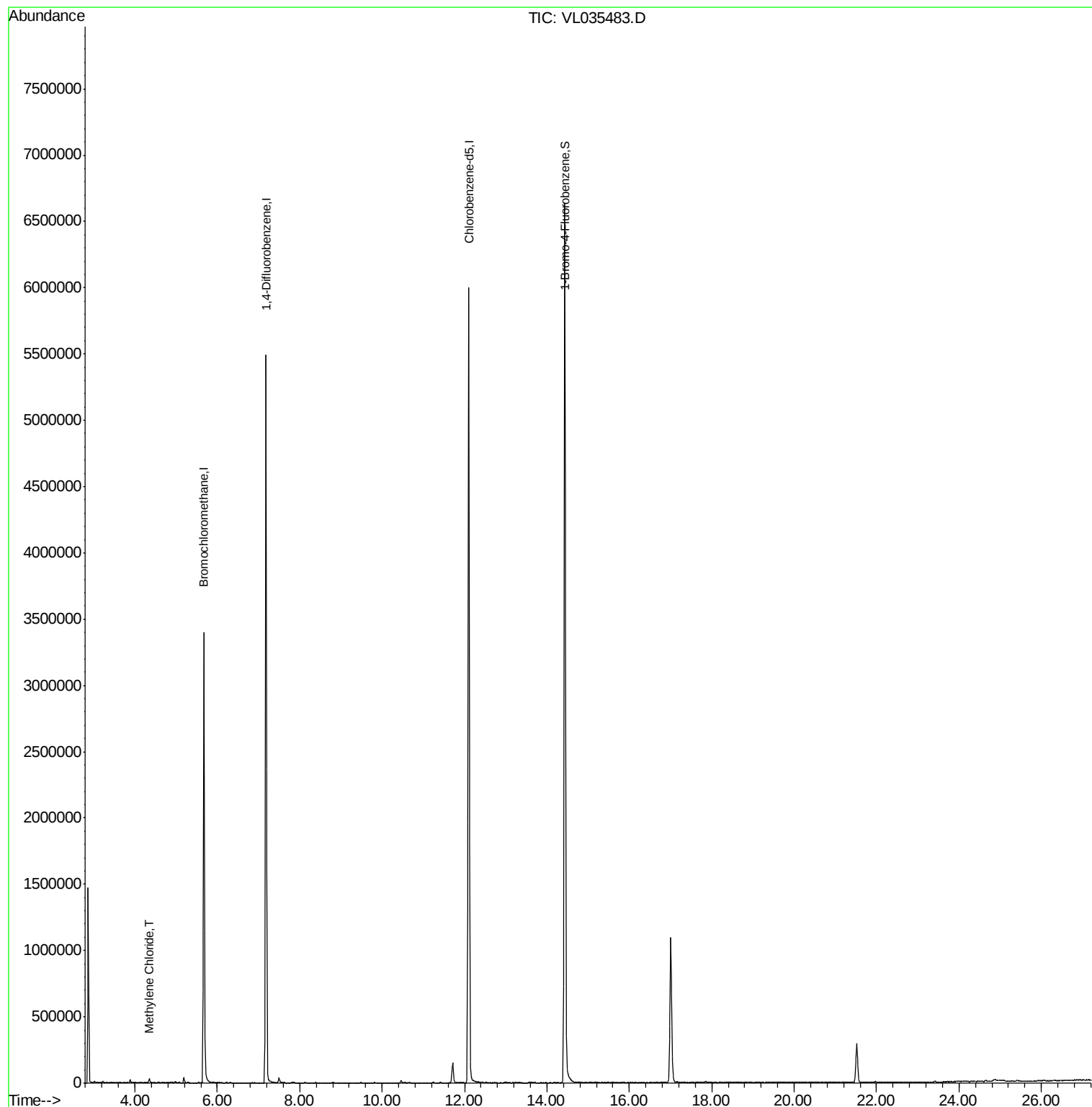
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	14798	0.151	ppbv	# 54

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

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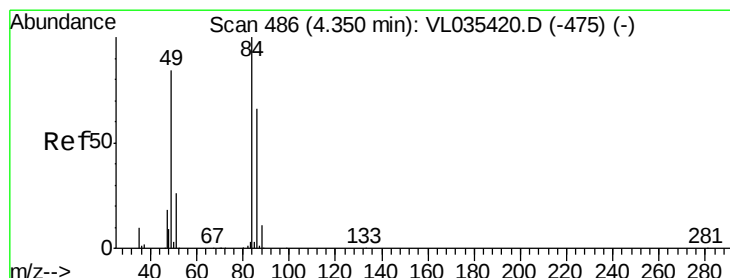
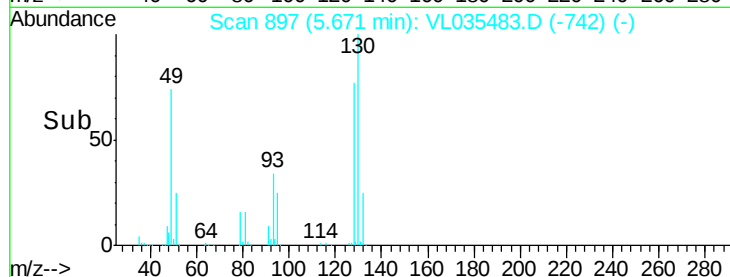
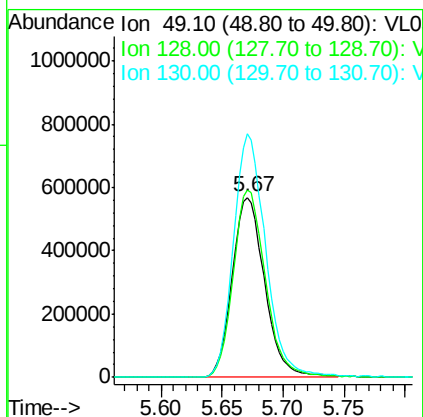
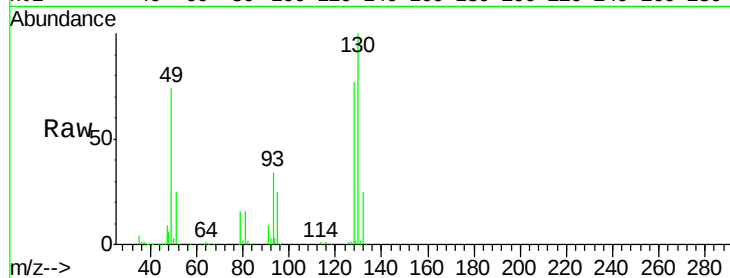
Tot Ion: 49 Resp: 1057928

Ion Ratio Lower Upper

49 100

128 104.0 20.9 62.7#

130 134.7 26.7 80.1#



#20

Methylene Chloride

Concen: 0.151 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL035483.D

Acq: 20 Aug 2020 20:24

Tgt Ion: 84 Resp: 14798

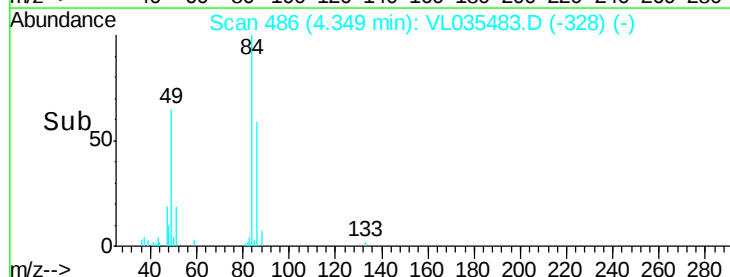
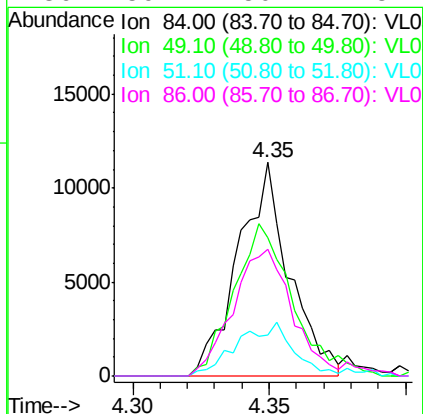
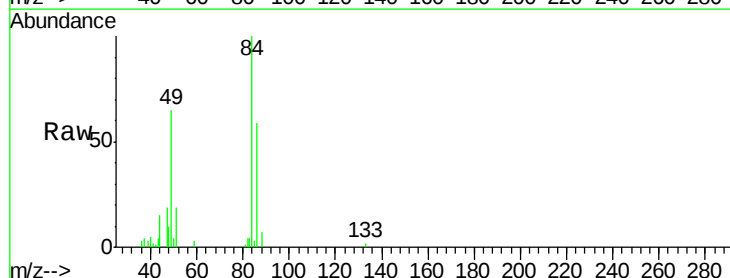
Ion Ratio Lower Upper

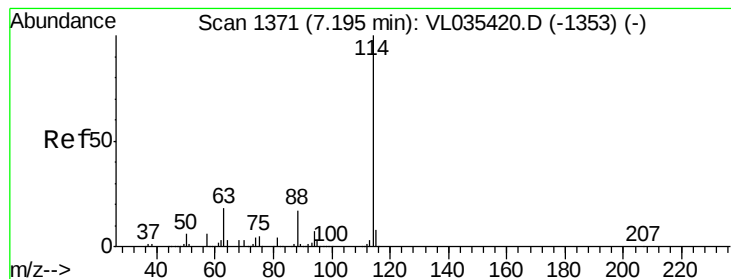
84 100

49 64.9 118.6 177.8#

51 19.4 36.4 54.6#

86 59.4 50.2 75.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.01 min

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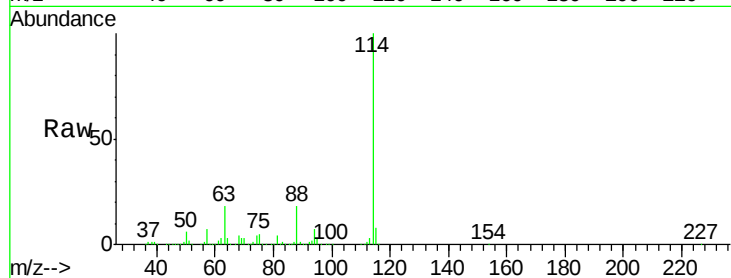
Tot Ion:114 Resp: 4840777

Ion Ratio Lower Upper

114 100

63 17.5 23.1 34.7#

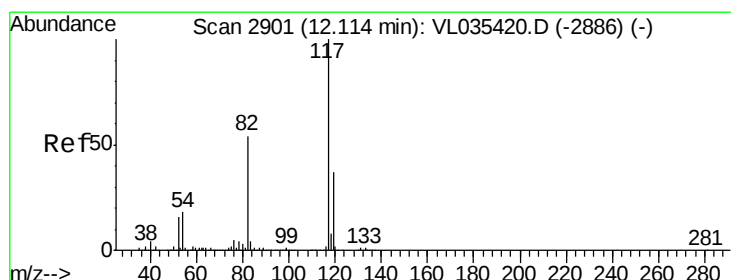
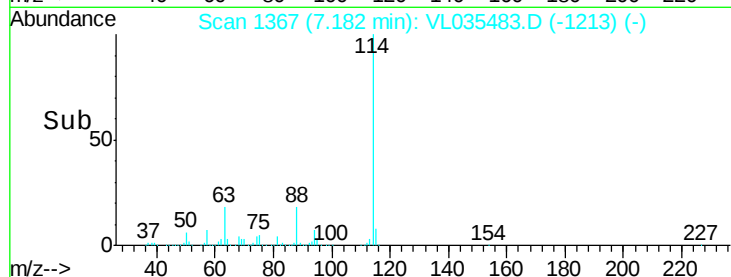
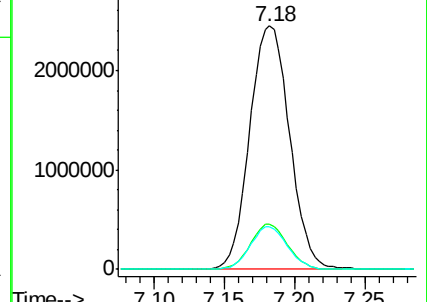
88 16.6 15.9 23.9



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.01 min

Lab File: VL035483.D

Acq: 20 Aug 2020 20:24

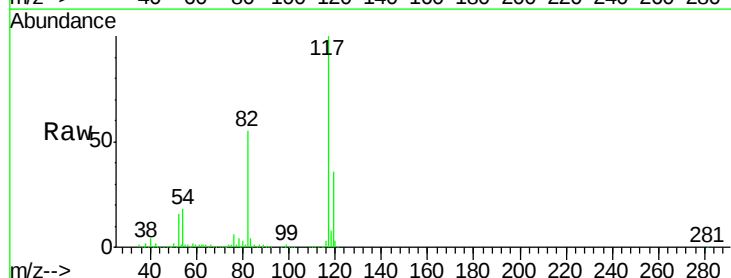
Tgt Ion:117 Resp: 4763281

Ion Ratio Lower Upper

117 100

82 53.3 57.4 86.0#

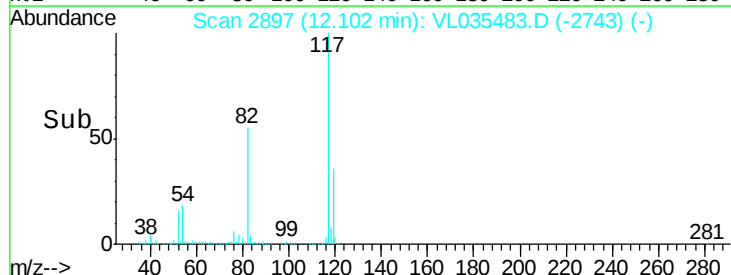
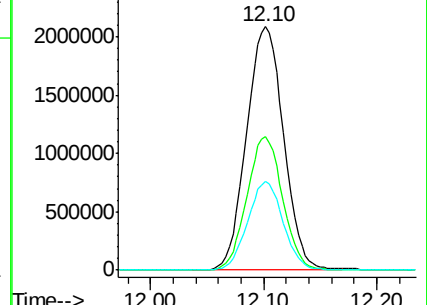
119 35.0 28.4 42.6

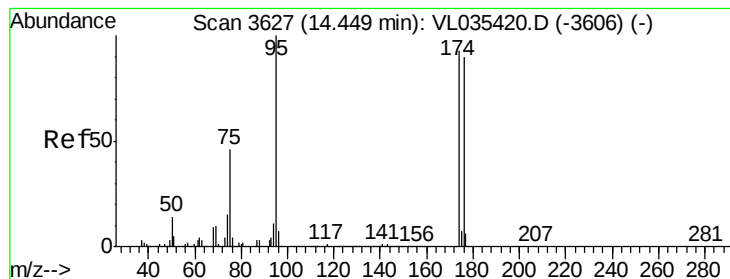


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.136 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.00 min

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Tot Ion: 95 Resp: 3380018

Ion Ratio Lower Upper

95 100

174 89.9 44.0 66.0#

175 6.5 3.2 4.8#

